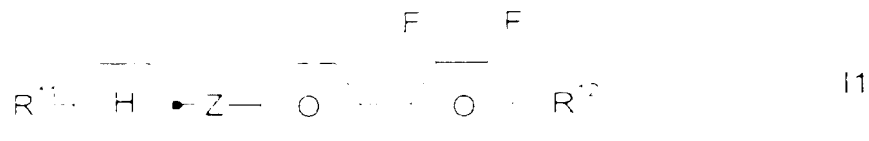


**Claims:**

1. A liquid crystal phase which is stable in a mixture of polarizing and non-polarizing components, and which is isotropic at temperatures at least one degree below room temperature.



2. A liquid crystal phase as in formula 11



in which

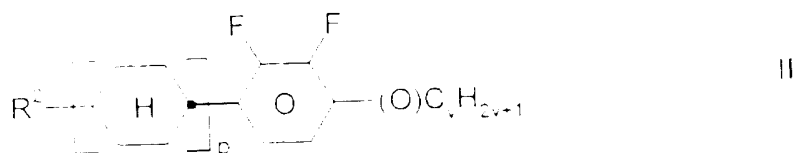
3.  $R^1$ ,  $R^2$  and  $R^3$  are defined independently of each other as alkyl or alkenyl radicals of 1 to 10 carbon atoms which is unsubstituted, monosubstituted by  $CH_3$  or  $CF_3$  or at least disubstituted by  $CH_3$  and  $CF_3$  where the number of groups in these radicals may also in each case be different, or the radicals are

defined by  $R^4$   or  $R^5$   where  $R^4$  and  $R^5$  are defined as in the preceding paragraph.

4. A liquid crystal phase as in claim 1, 2 or 3, which is stable in a mixture of polarizing and non-polarizing components, and which is isotropic at temperatures at least one degree below room temperature.

alkenyl is straight-chain alkenyl having a carbon atom.

- iii. The medicament comprising a compound of formula II comprising at least one compound of formula II



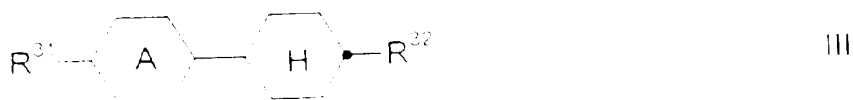
- i. in which

p is independently as defined for R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup>.

- ii. p is 1 or 2, and

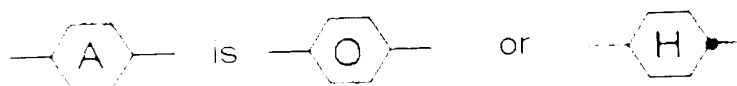
n is 1 to 6.

- iv. The medicament comprising a compound of formula III comprising at least one compound of formula III

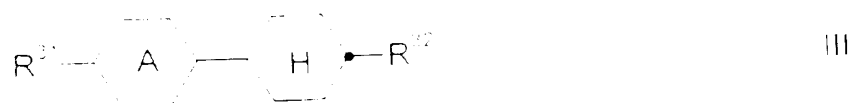


in which

R<sup>31</sup> and R<sup>32</sup> are each independently a) or another a straight-chain alkyl or alkoxy radical having 1 to 6 carbon atoms and

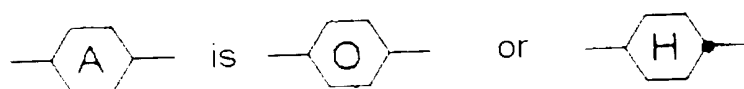


4. The medium according to claim 1, additionally comprising at least one compound of formula III

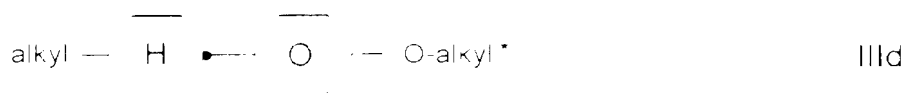
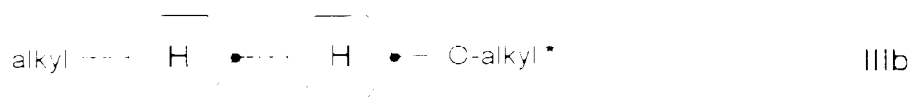
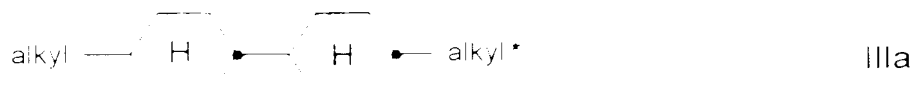


in which

R<sup>11</sup> and R<sup>12</sup> are each, independently of the another, a straight chain alkyl or alkoxy radical, having 1 to 10 carbon atoms

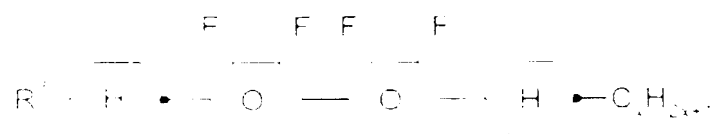
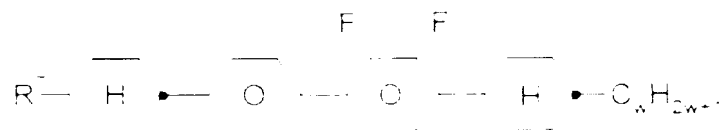


5. The medium according to claim 1, comprising at least three compounds of formulae II or III.
6. The medium according to claim 1, having a proportion of compounds of formula II in the total mixture of at least 1% by weight.
7. The medium according to claim 1, having a proportion of compounds of formula II in the total mixture of at least 5% by weight.
8. The medium according to claim 1, having a proportion of compounds of formula II in the total mixture of at least 10% by weight.
9. The medium according to claim 1, having a proportion of compounds of formula III in the total mixture of at least 1% by weight.
10. The liquid superalloy medium according to claim 1, comprising at least one compound of formula II or III.



in which

- (a) alkyl and alkyl\* are each independently a straight chain alkyl having 10 carbon atoms;
- (b) II, the liquid crystalline medium according to claim 1 comprising at least one compound of formula IIIa or least one compound of formula IIIb, as a mixture thereof;
- (c) III, the liquid crystalline medium according to claim 1 additionally comprising at least one compound of formula IIIc.



wherein

$P_1$  and  $P_2$  are each independently 0 or 1, then  
are defined as  $P_1 = P_2$  and  $P_1 = P_2$  and

$P_1$  and  $P_2$  are each independently 0 or 1, then  
is defined as

13. The liquid crystalline medium according to claim 1,  
comprising

10-40% by weight of at least one compound of  
formula II

and 60-60% by weight of at least one compound of  
formula III

and

10-40% by weight of at least one compound of  
formula IV.

14. An electroluminescent display having active matrix  
addressing based on RMB effect, comprising  
comprising an anode, a liquid crystalline  
medium according to claim 1.

15. An electroluminescent display comprising an anode  
anode, a liquid crystalline medium according  
to claim 1.

16. An electroluminescent display comprising an anode  
anode, a liquid crystalline medium according  
to claim 1.

17. An electroluminescent display comprising an anode  
anode, a liquid crystalline medium according  
to claim 1.